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(54) INTERMEDIATE FILM FOR SANDWICH GLASS AND SANDWICH GLASS

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an intermediate film which excels in basic performance necessary for a sandwich glass film and excels in sound shieldability and moisture resistance by forming the sandwich glass film of at least two layers of laminated resin films consisting of two kinds of plasticized polyvinyl acetal resin films A and B.

SOLUTION: The resin film A consists of 100 pts.wt. polyvinyl acetal resin which is obtained by acetalizing polyvinyl alcohol(PVA) with 6 to 10C aldehyde and contains a vinyl acetate component at ≤ 4 mol% and 30 to 50 pts.wt. plasticizer. The sodium concentration thereof is ≤ 20 ppm. The resin film B is obtained by acetalizing the PVA with 3-4C aldehyde and the sodium concentration thereof is ≤ 15 ppm. The rest are the same as those of the resin A. Hot water of 40 to 60° C is added to the polyvinyl acetal resin and the resin is washed under stirring in order to remove the sodium salt therein. The intermediate film which has the excellent basic performance, such as good transparency, weatherability and adhesiveness, good penetration resistance and the difficulty in splashing of glass splinters at the time of breakage, has the excellent sound shieldability and moisture resistance and is capable of preventing the whitening of peripheral parts is thus obtained.

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